

***Abstract***

The present invention relates to a method and system that emulates a desired waveform by producing a time profile of the desired waveform, which is characterized by a plurality of sample values, and generating a plurality of RF waveforms, each RF waveform of the  
5 plurality of RF waveforms having a polarity and scaled energy based on a corresponding one of the plurality of sample values, to produce an aggregate RF energy having spectral characteristics that approximate the spectral characteristics of the desired waveform.

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